Author Index

Amrhein, N., see Martinoia, E. (1062) 271

Barber, K.R., see Hamilton, K.S. (1062) 220
Beckerleg, A.M., see Klibanov, A.L. (1062) 142
Benavente, J., see Heredia, A. (1062) 239
Bennett, D., see Jørgensen, K. (1062) 227
Bersohn, M.M., Vemuri, R., Schuil, D.W., Weiss, R.S. and Philipson, K.D.
Effect of temperature on sodium-calcium exchange in sarcolemma from mammalian and amphibian hearts (1062) 19
Beuvery, E.C., see Kersten, G.F.A. (1062) 165
Bittar, E.E., see Huang, Y.-P. (1062) 255
Blomqvist, L., see Thelestam, M. (1062) 245
Brahm, J., see Gasbjerg, P.K. (1062) 83
Bratton, D.L., Kailey, J.M., Clay, K.L. and Henson, P.M.
A model for the extracellular release of PAF: the influence of plasma membrane phospholipid asymmetry (1062) 24
Burger, K.N.J., see Frederik, P.M. (1062) 133

Carrasquer, G., see Schwartz, M. (1062) 113
Cevc, G.
Polymorphism of the bilayer membranes in the ordered phase and the molecular origin of the lipid pretransition and rippled lamellae (1062) 59
Chi, L.-M. and Wu, W.
Mechanism of hemolysis of red blood cell mediated by ethanol (1062) 46
Clay, K.L., see Bratton, D.L. (1062) 24
Crommelin, D.J.A., see Kersten, G.F.A. (1062) 165

Davidson, E., see Kariel, N. (1062) 70
Davis, J.H., see Hamilton, K.S. (1062) 220
Delgado, C., see Senior, J. (1062) 77
Di Giulio, A., see Dini, L. (1062) 108
Dini, L., Di Giulio, A., Pavan, A., Ravagnan, G. and Mossa, G.
Size and stability of dipalmitoylphosphatidylcholine/cholesterol unilamellar vesicles are affected by interaction with proteins (1062) 108

Ellingson, J.S., Janes, N., Taraschi, T.F. and Rubin, E.
The effect of chronic ethanol consumption on the fatty acid composition of phosphatidylinositol in rat liver microsomes as determined by gas chromatography and ^{1}H-NMR (1062) 199
Enomoto, S., Kashiwayanagi, M. and Kurihara, K.
Liposomes having high sensitivity to odorants (1062) 7

Ferguson, C., see Serrano, R. (1062) 157
Fisher, D., see Senior, J. (1062) 77
Francis, S.E., Lyle, I.G. and Jones, M.N.
The effect of surface-bound protein on the permeability of proteoliposomes (1062) 117
Frederik, P.M., Burger, K.N.J., Stuart, M.C.A. and Verkleij, A.J.
Lipid polymorphism as observed by cryo-electron microscopy (1062) 133
Fromherz, P. and Klingler, J.
Core-coat conductor of lipid bilayer and micromachined silicon (1062) 103

Garrido, G., see Serrano, R. (1062) 157
Gasbjerg, P.K. and Brahm, J.
Glucose transport kinetics in human red blood cells (1062) 83
Grant, C.W.M., see Hamilton, K.S. (1062) 220
Gregoriadis, G., see Senior, J. (1062) 77

Hamilton, K.S., Barber, K.R., Davis, J.H., Neil, K. and Grant, C.W.M.
Phase behaviour of amphotericin B multilamellar vesicles (1062) 220
Hansen, C.L., see King, S.C. (1062) 177
Hebert, H., see Thelestam, M. (1062) 245
Henson, P.M., see Bratton, D.L. (1062) 24
Heredia, A. and Benavente, J.
A study of membrane potential across isolated fruit cuticles for NaCl and $CaCl_2$ solutions (1062) 239
Holloman, T.L., see Schwartz, M. (1062) 113
Huang, L., see Klibanov, A.L. (1062) 142
Huang, Y.-P. and Bittar, E.E.
Protection by GTP from the effects of aluminum on the sodium efflux in barnacle muscle fibers (1062) 255

Idziorek, T. and Klatzmann, D.
Functional expression of the CD4 protein after cross-linking to red blood cells with a bifunctional reagent (1062) 39
Imanaka, T., Lazarow, P.B. and Takano, T.
A novel 57 kDa peroxisomal membrane polypeptide detected by monoclonal antibody (PXM1a/207B) (1062) 264
Ipsen, J.H., see Jørgensen, K. (1062) 227

Janes, N., see Ellingson, J.S. (1062) 199
Jones, M.N., see Francis, S.E. (1062) 117
Jørgensen, K., Ipsen, J.H., Mouritsen, O.G., Bennett, D. and Zuckermann, M.J.
A general model for the interaction of foreign molecules with lipid membranes: drugs and anaesthetics (1062) 227

Kailey, J.M., see Bratton, D.L. (1062) 24
Kariel, N., Davidson, E. and Keough, K.M.W.
Cholesterol does not remove the gel-liquid crystalline phase transition of phosphatidylcholines containing two polyenoic acyl chains (1062) 70
Kashiwayanagi, M., see Enomoto, S. (1062) 7
Keough, K.M.W., see Kariel, N. (1062) 70
Kersten, G.F.A., Spiekstra, A., Beuvery, E.C. and Crommelin, D.J.A.
On the structure of immune-stimulating saponin-lipid complexes (iscoms) (1062) 165
King, S.C., Hansen, C.L. and Wilson, T.H.
The interaction between aspartic acid 237 and lysine 358 in the lactose carrier of *Escherichia coli* (1062) 177
Klatzmann, D., see Idziorek, T. (1062) 39
Klibanov, A.L., Maruyama, K., Beckerleg, A.M., Torchilin, V.P. and Huang, L.
Activity of amphipathic poly(ethylene glycol) 5000 to prolong the circulation time of liposomes depends on the liposome size and is unfavorable for immunoliposome binding to target (1062) 142
Klingler, J., see Fromherz, P. (1062) 103
Klöck, G., see Pfister, E. (1062) 13
Koynova, R.D., see Williams, W.P. (1062) 123
Krüppel, T., Westermann, R. and Lueken, W.
Calcium-dependent transient potassium outward current in the marine ciliate *Euplotes vannus* (1062) 193
Kurihara, K., see Enomoto, S. (1062) 7

Lazarow, P.B., see Imanaka, T. (1062) 264
Leclerc, L., Marden, M. and Poyart, C.
Inhibition of the erythrocyte (Ca^{2+} + Mg^{2+})-ATPase by nonheme iron (1062) 35
Leonard, K., see Serrano, R. (1062) 157
Lueken, W., see Krüppel, T. (1062) 193
Lyle, I.G., see Francis, S.E. (1062) 117

Marden, M., see Leclerc, L. (1062) 35
Marsh, D.
Analysis of the chainlength dependence of lipid phase transition temperatures: main and pretransitions of phosphatidylcholines; main and non-lamellar transitions of phosphatidylethanolamines (1062) 1
Martinoia, E., Vogt, E., Rentsch, D. and Amrhein, N.
Functional reconstitution of the malate carrier of barley mesophyll vacuoles in liposomes (1062) 271
Maruyama, K., see Klibanov, A.L. (1062) 142
Maulik, P.R., Sripada, P.K. and Shipley, G.G.
Structure and thermotropic properties of hydrated *N*-stearoyl sphingomyelin bilayer membranes (1062) 211
Moll, G.N., Van den Eertwegh, V., Tournois, H., Roelofsen, B., Op den Kamp, J.A.F. and Van Deenen, L.L.M.
Growth inhibition of *Plasmodium falciparum* in in vitro cultures by selective action of tryptophan-*N*-formylated gramicidin incorporated in lipid vesicles (1062) 206
Monk, B.C., see Serrano, R. (1062) 157
Montesinos, C., see Serrano, R. (1062) 157
Morgan, H., Taylor, D.M. and Oliveira Jr., O.N.
Proton transport at the monolayer-water interface (1062) 149
Mossa, G., see Dini, L. (1062) 108
Mouritsen, O.G., see Jørgensen, K. (1062) 227
Muller-Eberhard, U., see Solar, I. (1062) 51
Murthy, N.S. and Worthington, C.R.
X-ray diffraction evidence for the presence of discrete water layers on the surface of membranes (1062) 172

Natuzzi, D., see Scalera, V. (1062) 187
Neil, K., see Hamilton, K.S. (1062) 220

Oliveira Jr., O.N., see Morgan, H. (1062) 149
Olofsson, A., see Thelestam, M. (1062) 245
Op den Kamp, J.A.F., see Moll, G.N. (1062) 206

Pavan, A., see Dini, L. (1062) 108
Pawlak, M., Stankowski, S. and Schwarz, G.
Melittin induced voltage-dependent conductance in DOPC lipid bilayers (1062) 94
Perlin, D.S., see Serrano, R. (1062) 157
Pfister, E., Klöck, G. and Zimmermann, U.
Selection of hybrid plants obtained by electrofusion of vacuolated × evacuolated plant protoplasts in hypo-osmolar solution (1062) 13
Philipson, K.D., see Bersohn, M.M. (1062) 19
Poyart, C., see Leclerc, L. (1062) 35
Prezioso, G., see Scalera, V. (1062) 187

Quinn, P.J., see Williams, W.P. (1062) 123

Ravagnan, G., see Dini, L. (1062) 108
Rentsch, D., see Martinoia, E. (1062) 271
Roelofsen, B., see Moll, G.N. (1062) 206
Roldán, M., see Serrano, R. (1062) 157
Rubin, E., see Ellingson, J.S. (1062) 199

Scalera, V., Natuzzi, D. and Prezioso, G.
myo-Inositol transport in rat intestinal brush border membrane vesicles, and its inhibition by D-glucose (1062) 187
Schuil, D.W., see Bersohn, M.M. (1062) 19
Schwartz, M., Holloman, T.L., Zhang, J. and Carrasquer, G.
Further evidence for a simple Cl^- conductance pathway in nutrient membrane of frog stomach (1062) 113
Schwarz, G., see Pawlak, M. (1062) 94
Senior, J., Delgado, C., Fisher, D., Tilcock, C. and Gregoriadis, G.
Influence of surface hydrophilicity of liposomes on their interaction with plasma protein and clearance from the circulation: studies with poly(ethyleneglycol)-coated vesicles (1062) 77
Serrano, R., Montesinos, C., Roldán, M., Garrido, G., Ferguson, C., Leonard, K., Monk, B.C., Perlin, D.S. and Weiler, E.W.
Domains of yeast plasma membrane and ATPase-associated glycoprotein (1062) 157
Shaklai, N., see Solar, I. (1062) 51
Shipley, G.G., see Maulik, P.R. (1062) 211
Shviro, Y., see Solar, I. (1062) 51
Solar, I., Muller-Eberhard, U., Shviro, Y. and Shaklai, N.
Long-term intercalation of residual hemin in erythrocyte membranes distorts the cell (1062) 51
Spiekstra, A., see Kersten, G.F.A. (1062) 165
Sripada, P.K., see Maulik, P.R. (1062) 211
Stankowski, S., see Pawlak, M. (1062) 94
Stuart, M.C.A., see Frederik, P.M. (1062) 133

Takano, T., see Imanaka, T. (1062) 264
Taraschi, T.F., see Ellingson, J.S. (1062) 199
Taylor, D.M., see Morgan, H. (1062) 149
Thelestam, M., Olofsson, A., Blomqvist, L. and Hebert, H.
Oligomerisation of cell-bound staphylococcal α-toxin in relation to membrane permeabilisation (1062) 245
Tilcock, C., see Senior, J. (1062) 77
Torchilin, V.P., see Klibanov, A.L. (1062) 142
Tournois, H., see Moll, G.N. (1062) 206
Tsonev, L.I., see Williams, W.P. (1062) 123

Van Deenen, L.L.M., see Moll, G.N. (1062) 206
Van den Eertwegh, V., see Moll, G.N. (1062) 206
Vemuri, R., see Bersohn, M.M. (1062) 19
Verkleij, A.J., see Frederik, P.M. (1062) 133
Vogt, E., see Martinoia, E. (1062) 271

Weiler, E.W., see Serrano, R. (1062) 157
Weiss, R.S., see Bersohn, M.M. (1062) 19
Westermann, R., see Krüppel, T. (1062) 193
Williams, W.P., Quinn, P.J., Tsonev, L.I. and Koynova, R.D.
The effects of glycerol on the phase behaviour of hydrated distearoylphosphatidylethanolamine and its possible relation to the mode of action of cryoprotectants (1062) 123
Wilson, T.H., see King, S.C. (1062) 177
Worthington, C.R., see Murthy, N.S. (1062) 172
Wu, W., see Chi, L.-M. (1062) 46

Zhang, J., see Schwartz, M. (1062) 113
Zimmermann, U., see Pfister, E. (1062) 13
Zuckermann, M.J., see Jørgensen, K. (1062) 227